

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
TX/4-100-8345P (167-57)SERIAL NO.
10/625,142APPLICANTS
Peter FuenfschillingFILING DATE
July 23, 2003GROUP ART UNIT
1624INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,503,950	3/31/1970	Li	260	112	
	AB	3,671,647	6/20/1972	Argoudelis et al.	260	210R	
	AC	3,743,633	7/3/1973	Goerlich et al.	260	210.5	
	AD	3,804,594	4/16/1974	Orjans et al.	23	270.5	
	AE	4,016,258	4/5/1977	Said et al.	424	177	
	AF	4,203,956	5/20/1980	Schröter et al.	423	321	
	AG	4,271,128	6/2/1981	Schrödter et al.	422	189	
	AH	4,328,214	5/4/1982	Rink et al.	424	177	
	AI	4,753,734	6/28/1988	Ito	210	657	
	AJ	4,913,814	4/3/1990	Singh et al.	210	512.2	
	AK	4,954,260	9/4/1990	Ludmer et al.	210	634	
	AL	5,709,797	1/1998	Bocchiola	210	635	
	AM	3,244,592	4/1/1966	Aral	167	65	
	AN	5,382,655	1/1/1995	Szanya et al.	530	317	
	AO	5,591,438	1/1/1997	Olsen et al.	424	195.1	
	AP	5,256,547	10/1993	Rudat et al.	435	71.1	
<i>Pen</i>	AQ	5,595,661	1/1997	Li et al.	210	634	
<i>flay</i>	AR	4,803,016	2/1989	Binderman et al.	260	403	
	AS	3,527,750	9/8/1970	Karr			
	AT	3,573,273	3/30/1971	Maehr et al.			
	AU	4,001,354	3/28/1978	Christman			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AV	0637123 A5	7/15/1983	Switzerland				
	AW	1257866	12/23/1971	Great Britain				
<i>Pen</i>	AX	96/12031 A1	4/1996	WO				
<i>flay</i>	AY	95/32726 A1	12/1995	WO				
<i>flay</i>	AZ	EP-652 219 A1	11/1993	Europe				
	AAA	1 233 902	3/3/1971	UK				
	ABB	1 321 903	3/3/1971	UK				
	ACC	1 356 056	6/12/1974	UK				
	ADD	1 521 457	8/16/1978	UK				
	AEE	2 215 434	9/27/1989	UK				

Don McGie

3/1/06

duplicates

APP	WO 93/06059	3/2/1995	PCT				
AGG	WO 93/11295	4/27/1995	PCT				
AHH	2,108,655	4/19/1995	CA (abstr.)				
AIH	633 826	12/31/1982	CH (abstr.)				
AJJ	295 871	11/14/1991	DD (+abstr)				
AKK	295 872	11/14/1991	DD (+abstr)				
ALL	295 873	11/14/1991	DD (+abstr)				
AMM	298 276	2/13/1992	DD (+abstr)				
ANN	298 427	2/20/1992	DD (+abstr)				
AOO	641,861	3/8/1995	EP				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

APP	Vogel, Text book of Practical Organic Chem., Longman, 4th Edition, 1978, (pp. 211, 217, 218)
AQQ	Prochazka, et al., Chem Engineer, Science, Vol. 31, pp. 179-186 (1976)
ARR	Lo and Baird, Encyc of Chem. Tech., 4th ed./ Vol. 10, pp. 125-180, J. Wiley & Sons, 1979

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

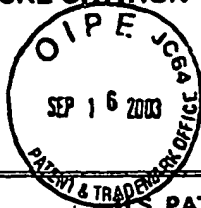
all duplicates

FORM PTO-1449
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY. DOCKET NO.

100-83450

APPLICATION NO.

~~10021,117~~

APPLICANT

FUENFSCHILLING ET AL

FILING DATE

~~OCTOBER 20, 2004~~

Sheet ~~1/2~~

1/2

10/625,142

7/22/03

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
gr	AA	3,527,750	9/8/70	Karr			
	AB	3,573,275	3/30/71	Maehr et al			
	AC	4,081,354	3/28/78	Christman			
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	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

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							YES	NO
gr	AM	1 223 902	3/3/71	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AN	1 223 903	3/3/71	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AO	1 356 056	6/12/74	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AP	1 521 457	8/16/78	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	2 215 631	9/27/89	UK			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

gr	AR	Prochazka, et al., Chem. Engineer. Science, Vol. 31, pp. 179-186 (1976).
gr	AS	Lo and Baird, Encyc of Chem. Tech., 4 th ed., Vol. 10, pp. 125-180, J. Wiley & Sons, 1979
	AT	

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DATE CONSIDERED

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(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY. DOCKET NO.

100-8345D

APPLICATION NO.

~~48,824,117~~

APPLICANT

FUENFSCHILLING ET AL

FILING DATE

~~OCTOBER 21, 2001~~

Sheet 12

2/2

FOREIGN PATENT DOCUMENTS

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							YES	NO
✓	AA	WO 95/06059	3/2/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AB	WO 95/11295	4/27/95	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AC	2,108,655	4/19/95	CA (abstr.)			<input type="checkbox"/>	<input type="checkbox"/>
	AD	633 826	12/31/82	CH (abstr.)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AE	295 871	11/14/91	DD (+abstr.)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AF	295 872	11/14/91	DD (+abstr.)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AG	295 873	11/14/91	DD (+abstr.)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AH	298 276	2/13/92	DD (+abstr.)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AI	298 427	2/20/92	DD (+abstr.)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
	AJ	641,861	3/8/95	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AK						<input type="checkbox"/>	<input type="checkbox"/>
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>
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	AS						<input type="checkbox"/>	<input type="checkbox"/>
	AT						<input type="checkbox"/>	<input type="checkbox"/>
	AU						<input type="checkbox"/>	<input type="checkbox"/>
	AV						<input type="checkbox"/>	<input type="checkbox"/>
	AW						<input type="checkbox"/>	<input type="checkbox"/>
	AX						<input type="checkbox"/>	<input type="checkbox"/>
	AY						<input type="checkbox"/>	<input type="checkbox"/>
	AZ						<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER

Tom McHenry

DATE CONSIDERED

7/2/05

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Sheet 1 of 2

ATTY. DOCKET NO.

100-8345/A/CONT

APPLICATION NO.

09/09/99

APPLICANT

FUENFSCHILLING ET AL.

FILING DATE

March 10, 1999

Group

1611

7/20/03

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
W	AA	3,503,950	3/31/70	Li	260	112	
	AB	3,671,647	6/20/72	Argoudelis et al.	260	210R	
	AC	3,743,633	7/3/73	Goerlich et al.	260	210.5	
	AD	3,804,594	4/16/74	Orjans et al.	23	270.5	
	AE	4,016,258	4/5/77	Said et al.	424	177	
	AF	4,203,956	5/20/80	Schröter et al.	423	321	
	AG	4,271,128	6/2/81	Schrödter et al.	422	189	
	AH	4,328,214	5/4/82	Rink et al.	424	177	
	AI	4,753,734	6/28/88	Ito	210	657	
	AJ	4,913,814	4/3/90	Singh et al.	210	512.2	
	AK	4,954,260	9/4/90	Ludmer et al.	210	634	
Q	AL	5,709,797	1/98	Bocchiola	210	635	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
W	AM	0637123 A5	7/15/83	Switzerland			<input type="checkbox"/>	<input type="checkbox"/>
Q	AN	1257866	12/22/71	Great Britain			<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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AS	
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INFORMATION DISCLOSURE CITATION

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE



Sheet 2 of 2

ATTY. DOCKET NO.
100-8345/A/CONT
APPLICATION NO.

APPLICANT
FUENFSCHILLING ET AL
FILING DATE
MARCH 10, 1999

Group
1611

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>AA</i>	AA	3,244,592	4/1/66	Aral	167	65	
	AB	5,382,655	1/1/95	Szanya et al.	530	317	
	AC	5,591,438	1/1/97	Olson et al.	424	195.1	
<i>AD</i>	AD	5,256,547	10/93	Rudat et al.	435	71.1	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

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							YES	NO
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	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

<i>AR</i>	AR	Vogel, Text book of Practical Organic Chem., Longman, 4th Edition, 1978, (pp. 211, 217, 219, 220) from Experimental Techniques
	AS	
	AT	

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